

**Missouri Department of Health and Senior Services**

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TO: Missouri Local Public Health Agencies, Missouri Influenza Sentinel Physicians

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SUBJECT: Weekly Missouri Influenza Report 2002-2003 Season
(All data in this report are provisional and may change as reports are updated.)

DATE: December 24, 2002

Missouri is reporting "sporadic influenza activity" to the Centers for Disease Control and Prevention.

Reported Laboratory Confirmed Cases by Sub-type						
For the Week Ending December 21, 2002 (Week 51)						
Serogroups	A (non- typed)	A (H3N2)	A (H1N1)	B	A or B Untyped (rapid test)	Total
Week	1	0	0	3	15	19
Season-to-date*	1	0	0	6	35	42

*The influenza season begins with week 40 (week ending October 5, 2002) and ends with week 20 (week ending May 17, 2003).

Clusters/Outbreaks of Influenza-like Illness								
For the Week Ending December 21, 2002 (Week 51)								
Health District	Central	Eastern	NE	NW	SE	SW	Season- to-date	Last Year Season- to-date
School Closings	0	0	0	0	0	0	1	6
Community Outbreaks	0	0	0	0	0	0	1	3
Long Term Care or Institutional Outbreaks	0	0	0	0	0	0	1	10
Other Outbreaks	0	0	0	0	0	0	0	0
Season-to-date	1	0	0	0	1	1	3	19

www.dhss.state.mo.us

The Missouri Department of Health and Senior Services enhances quality of life for all Missourians by protecting and promoting the community's health and the well-being of citizens of all ages.

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER: Services provided on a nondiscriminatory basis.

Pneumonia and Influenza (P&I) Deaths			
For the Week Ending December 14, 2002 (Week 50)			
Week 50	Season-to -date	Week 50 Last Season	10 Year Weekly Median
43	274	47	43*

* Prior to 1999, P&I data were collected from week 46 through week 17; therefore, the ten year median will be noted only during those weeks.

U.S. Influenza Sentinel Physicians Surveillance Network (US ISPSN)						
Influenza-like Illness (ILI) For the Week Ending December 21, 2002 (Week 51)						
Age 0-4	Age 5-24	Age 25-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
2	4	5	0	11	1,161	0.94%*

*This percentage is less than the national baseline of 1.9%.

Additional data received through the US ISPSN indicates that the percent ILI has been above the national baseline during week 45 (2.03%), week 48 (2.57%), week 49 (2.69), and week 50 (3.98%).

Respiratory Specimens Submitted to SPHL for Viral Testing							
For the Week Ending December 21, 2002 (Week 51)							
	Positive Specimens						Total Number Specimens Submitted
	Influenza	Para- influenza	Respiratory Syncytial Virus (RSV)	Adeno- virus	Rhino- virus	Entero- virus	
Week	0	0	0	0	0	1	5
Season-to-date	0	2	0	1	0	3	53

Sources of Data: Laboratory confirmed cases are reported to the Missouri Department of Health and Senior Services (DHSS) passive communicable disease surveillance system through the disease registry. Suspected influenza clusters and outbreaks are reported through the active surveillance system. Pneumonia and influenza deaths are reported through the DHSS Bureau of Vital Records. Influenza-like illness data by age category and total number of patient visits by week are reported voluntarily by participants in the U.S. Influenza Sentinel Physicians Surveillance Network.

This report may also be found on the DHSS Internet at: www.dhss.state.mo.us/Influenza/index.html. National influenza surveillance information is available from the Centers for Disease Control and Prevention at: www.cdc.gov/ncidod/diseases/flu/weekly.htm.

The Missouri Department of Health and Senior Services after hours number for reporting disease cases and emergencies is 1-800-392-0272.